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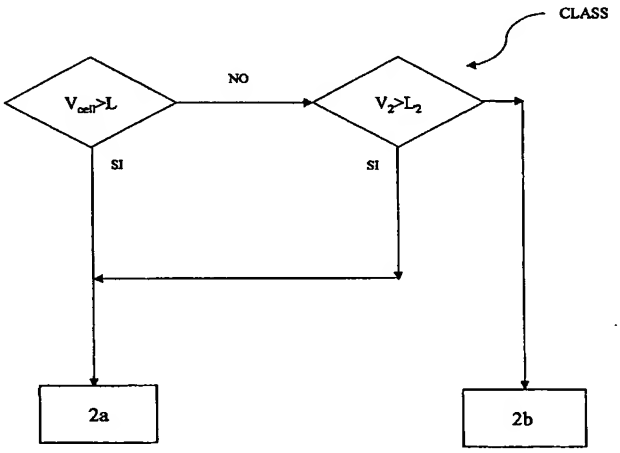
(54) Title: METHOD FOR OPTIMIZING THE POSITIONING OF HIGH SENSITIVITY RECEIVER FRONT-ENDS IN A MOBILE TELEPHONY NETWORK AND RELATED MOBILE TELEPHONY NETWORK



(57) Abstract: The present invention relates to a method for optimizing the positioning of high sensitivity receiver front-ends 5 in a mobile telephony network 1 of the CDMA type comprsing a plurality of cells 2. The method comprises the following steps: defining a first and a second cell indicator V_{cell}, V_2; defining a firt and a second threshold value L and L_2; comparing said first cell indicator V_{cell} with a first threshold value L and said second cell indicator V_2 with a second threshold value L_2; associating with a first category a plurality of first cells 2_a having said first cell indicator V_{cell} greater than said first threshold value L or said second cell indicator V_2 greater than said second threshold value L_2; positioning a plurality of high sensitivity receiver front-ends 5 substantially in all said plurality of first cells 2_a. The method further comprises the steps of: associating with a second category a plurality of second cells 2_b having said first cell indicator V_2 small than said first threshold

WO 2004/054300 A1

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